

FY 2004 - 2007 UAV post-crash fires (as of 1 Dec 06)

FY	ARMY CLASSIFICATION	TYPE AIRCRAFT	DATE OF ACCIDENT	TYPE OF FIRE_DESC	EVENT 2_DESC	EVENT 3_DESC	FIELD EXERCISE NAME	ACCIDENT DESCRIPTION	NEAREST POST_NAME	STATE NAME	COUNTRY NAME
2004 B		RQ7A UAV	03-DEC-03	POSTCRASH	COLLISION WITH GROUND/WATER			Acft crashed following 'normal' launch sequence and was consumed by post-crash fire.	FT HOOD, TX	TEXAS	UNITED STATES
2005 C		RQ11 UAV	25-APR-05	POSTCRASH	HARD LANDING	FIRE AND/OR EXPLOSION ON THE GROUND	Operation Iraqi Freedom	AV was set to auto land at about 100 AGL and landed submerged in about 18 in. of water. Lithium battery shorted burning fuselage and destroying camera			IRAQ
2006 C		RQ7B UAV	07-OCT-05	POSTCRASH	ELECTRICAL SYSTEM	ENGINE FAILURE	Operation Iraqi Freedom	AV experienced a generator and ignition failure during flight and crashed, bursting into flames upon impact. Wreckage, including payload recovered.	IRAQ		IRAQ
2006 A		RQ1L UAV	05-FEB-06	POSTCRASH	ENGINE FAILURE	COLLISION WITH GROUND/WATER	Operation Iraqi Freedom	Engine failure reported during flight, restart unsuccessful. UAV plummeted to the ground and fire ensued. Reported as a Total Loss.			IRAQ
2004 B		RQ7A UAV	05-AUG-04	POSTCRASH	ENGINE FAILURE	COLLISION WITH GROUND/WATER	Operation Iraqi Freedom	In flight acft experienced engine failure, drop off in RPM, Generator Fail Warning, stowed payload, and recieved fail warning and a chute deployment.	TALLIL, IRAQ (MAP)		IRAQ
2004 B		RQ7A UAV	13-AUG-04	POSTCRASH	OBJECT STRIKE	COLLISION WITH GROUND/WATER		UAV failed to gain altitude. Upon descent struck upright arresting gear causing fuel to trail. Acft impacted ground and burned, causing ten acre fire.	FT LEWIS, WA	WASHINGTON	UNITED STATES
2005 A		RQ1L UAV	23-MAR-05	POSTCRASH	CONTRACTOR AIRCRAFT ACCIDENT	AVIONICS	Operation Iraqi Freedom	UAV was airborne at 6000-7000 ft AGL when data link with ground control station was lost, AV entered inverted spin, AV impacted ground. Post Crash Fire			IRAQ
2007 A		RQ5A UAV	12-OCT-06	POSTCRASH	UNCOMMAND CONTROL INPUT	FTS PARACHUTE FAILURE		Hunter UAS initiated uncontrolled flight during operator training, recovery chute deployed but separated from the airframe. UAS landed hard and post-crash fire ensued.	FT HUACHUCA, AZ	ARIZONA	UNITED STATES

**EXHIBIT 90**